HORIBA ABX
Diagnostics

Navigator 2009

Hematology & Clinical Chemistry

Reagents, Consumables and Customer Support

Product Catalog-CUST09

HEMAtology

ABX Pentra DX 120
ABX Pentra 120 range
ABX Pentra 80 range
ABX Pentra 60 range
ABX Micros range
ABX Micros CRP200

ABX Pentra **400**

ABX Micros **60**

ABX Micros **CRP200**

ABX Micros **iM** ^{2}

ABX Pentra **60**

ABX Pentra **60 C+**

ABX Pentra **XL80**

ABX Pentra **DX120** SPS Evolution

ABXPENTRADX120
Hematology Analyzer

New Instrument shipment includes:

- Multilink validation station
- Laser printer
- UPS plus line conditioner
- Internal and external barcode reader
- Spare parts kit includes tool kit
- 14 sample racks
- Two full sets of reagents
- Linearity kit
- User Manual
- Interactive Product Training video
- Manufacturer in-house training for two (2) people at HORIBAABX corporate training facility
- Integration and validation by a manufacturer trained service representative
- 24 Hour Technical Phone Support
- One year warranty on parts, labor and travel

Pentra **DX120**

Pentra **DX120** SPS Evolution

Specifications:

- 120 CBC tests/hour
- 45 parameters
- Reticulocyte and NRBC analysis
- Multilink Validation Station

Pentra DX120
Pentra DX120 SPS Evolution

Part#	Description	System	List
Analyzer			
PDX12007NUA10	System w/ MultiLink Validation Station	Pentra DX 120	190,000
SPSEV002NUA2	SPS Evolution Slide Maker Stainer	SPS Evolution	70,000
NAJ054AS	Multilink: 2 connections	MultiLink	10,500
Reagents			
901020	ABX DILUENT, 20L	Pentra DX 120	76.00
906012	ABX LYSEBIO, 1L	Pentra DX 120	154.45
903010	ABX CLEANER, 1L	Pentra DX 120	31.20
204050	ABX BASOLYSE 5DIFF, 5L	Pentra DX 120	114.20
904011	ABX FLUOCYTE, 500mL	Pentra DX 120	111.28
206013	ABX LEUCODIFF, 1L	Pentra DX 120	45.73
401005	ABX MINOCLAIR, 500mL	Pentra DX 120	18.59
Control-Difftrol (3mL)			
D01A00112	Difftrol Tri-Level Control, 3 x 3mL	Pentra DX 120	123.25
D01A00141	Difftrol Tri-Level Control, 6 x 3mL	Pentra DX 120	246.50
D01A00142	Difftrol Tri-Level Control, 12 x 3mL	Pentra DX 120	492.97
D01A00147	Difftrol Tri-Level Control, 24 x 3mL	Pentra DX 120	603.00
2062015	Disk, Difftrol PENTRA **	Pentra DX 120	34.52
Control-Minotrol Retic (3mL)			
2072005	Minotrol RETIC Tri-Level Control, 3x3mL	Pentra DX 120	164.98
D01A00075	Minotrol RETIC Tri-Level Control,12x3mL	Pentra DX 120	660.00
2072011	Disk, Minotrol RETIC **	Pentra DX 120	34.52
Control-Erytrol (3mL)			
2072204	Erytrol Twin Pack 1 x Level 1&2, 1x3mL	Pentra DX 120	165.57
2072203	Erytrol Twin Pack 2 x Level 3, 2x3mL	Pentra DX 120	165.57
Calibrator/Linearity			
2043745	Minocal Calibrator, 2 x 2.5mL	Pentra DX 120	85.00
D01A00136	Linearity Kit CL015/RCL001	Pentra DX 120	929.76

** Included with Tri-Level Control kit

Consumables SPS			
NAB008B	Ribbon Cartridge Citizens	SPS Evolution	72.00
NAB009B	Smearing Ribbon	SPS Evolution	182.70
GBH0014	Sample racks (10 racks/box)	SPS Evolution	115.50
XDA925A	Coloration wells (1 x 32)	SPS Evolution	529.10
D00A00181	Okidata B4600 Digital laser printer	Multilink	665.26
D00A00052	Okidata ML490 Dot-Matrix printer	Pentra DX 120	1,030.92
D00A00183	Laser Toner Drum	Pentra DX 120	73.50
D00A00066	Cut-sheet feeder	SPS Evolution	55.04
D00A00053	Ribbon Cartridge	SPS Evolution	21.50

Pentra 120

Pentra 120 Retic

Part#	Description	System	List
Reagents			
901020	ABX DILUENT, 20L	Pentra 120/ Retic	76.00
906012	ABX LYSEBIO, 1L	Pentra 120/ Retic	154.45
903010	ABX CLEANER, 1L	Pentra 120/ Retic	31.20
204050	ABX BASOLYSE 5DIFF, 5L	Pentra 120/ Retic	114.20
206010	ABX EOSINOFIX Plus, 1L	Pentra 120/ Retic	145.24
904005	ABX RETIC, 500mL	Pentra 120/ Retic	534.56
401005	ABX MINOCLAIR, 500 mL	Pentra 120/ Retic	18.59
Controls-Difftrol (3mL)			
D01A00112	Difftrol Tri-Level Control, 3 x 3mL	Pentra DX 120	123.25
D01A00141	Difftrol Tri-Level Control, 6 x 3mL	Pentra 120/ Retic	246.50
D01A00142	Difftrol Tri-Level Control, 12 x 3mL	Pentra 120/ Retic	492.97
D01A00147	Difftrol Tri-Level Control, 24 x 3mL	Pentra 120/ Retic	603.00
2062015	Disk, Difftrol PENTRA **	Pentra 120/ Retic	34.52
Control-Minotrol Retic (3mL)			
2072005	Minotrol RETIC Tri-Level Control,3x3mL	Pentra 120/ Retic	164.98
D01A00075	Minotrol RETIC Tri-Level Control,12x3mL	Pentra 120/ Retic	660.00
2072011	Disk, Minotrol RETIC **	Pentra 120/ Retic	34.52
Calibrator/Linearity			
2043745	Minocal Calibrator, 2 x 2.5mL	Pentra 120/ Retic	85.00
D01A00136	Linearity Kit CL015/RCL001	Pentra 120 Retic	929.76
D01A00137	Linearity Kit CL015	Pentra 120	624.00
Consumables SPS			
NAB008B	Ribbon Cartridge Citizens	Pentra 120 SPS	72.00
NAB009B	Smearing Ribbon	Pentra 120 SPS	182.70
GBH0014	Sample racks (10 racks/box)	Pentra 120 SPS	115.50
XDA925A	Coloration wells (1 x 32)	Pentra 120 SPS	529.10
D00A00066	Paper cut feeder	Pentra 120 SPS	455.04
D00A00053	Ribbon Cartridge	Pentra 120 SPS	21.50
D00A00181	Okidata B4600 Digital laser printer	Multilink	665.26
D00A00052	Okidata ML490 Dot-Matrix printer	Pentra 120 / Retic	1,030.92

** Included with Tri-Level Control kit

PENTRA XL80
Hematology Analyzer

New Instrument shipment includes:

- Laser printer
- UPS plus line conditioner
- Internal and external barcode reader
- Spare parts kit includes tool kit
- 10 sample racks
- Complete set of reagents
- Linearity kit
- User Manual
- Interactive Product Training video
- Integration, validation and training on-site by a manufacturer trained service representative
- 24 Hour Technical Phone Support
- One year warranty on parts, labor and travel

Pentra **XL80**

Specifications:

- 80 CBC tests/hour
- 26 parameters
- Integrated Touchscreen Validation Station
- Customized Dilution Ratio (CDR)

Part#	Description	System	List
Analyzer			
P80XL001NUA1	Pentra XL 80		$70,310
Reagents			
206010	ABX EOSINOFIX Plus, 1L	Pentra XL 80 / Pentra 80	145.24
901020	ABX DILUENT, 20L	Pentra XL 80 / Pentra 80	76.00
903010	ABX CLEANER, 1L	Pentra XL 80 / Pentra 80	31.20
906003	ABX BASOLYSE II, 1L	Pentra XL 80 / Pentra 80	145.24
906013	ABX LYSEBIO, 400 mL	Pentra XL 80 / Pentra 80	107.80
401005	ABX MINOCLAIR, 500 mL	Pentra XL 80 / Pentra 80	18.59
Controls-Difftrol (3mL)			
D01A00112	DIFFTROL Tri-Level Control, 3 x 3mL	Pentra XL 80 / Pentra 80	123.25
D01A00141	DIFFTROL Tri-Level Control, 6 x 3mL	Pentra XL 80 / Pentra 80	246.50
D01A00142	DIFFTROL Tri-Level Control, 12 x 3mL	Pentra XL 80 / Pentra 80	492.97
2062015	Disk, DIFFTROL PENTRA **	Pentra XL 80 / Pentra 80	34.52
D01A00121	Disk, DIFFTROL QC	Pentra XL 80 / Pentra 80	34.52
Calibrator/Linearity			
2043745	Minocal Calibrator, 2 x 2.5mL	Pentra XL 80 / Pentra 80	85.00
D01A00134	Linearity Kit CL021	Pentra XL 80	624.00
Consumables			
GBL0280	Sample racks (10 racks/box)	Pentra XL 80	73.00
D00A00183	Printer Laser Toner Drum	Pentra XL 80 / Pentra 80	73.50
D00A00181	Okidata B4600 Digital laser printer	Pentra XL 80 / Pentra 80	665.26

** Included with Tri-Level Control kit

PENTRA 60 RANGE
Hematology Analyzer

Pentra **60**

Specifications:
- 60 CBC tests/hour
- 26 parameters
- **OPEN** Tube (OT) sampling

New Instrument shipment includes:
- Laser printer
- UPS plus line conditioner
- External barcode reader
- Spare parts kit includes tool kit
- Complete set of reagents
- Linearity kit
- User Manual
- Interactive Product Training video
- Integration, validation and training on-site by a manufacturer trained service representative
- 24 hour Technical Phone Support
- One year warranty on parts, labor and travel

Pentra **60 C+**

Specifications:
- 60 CBC tests/hour
- 26 parameters
- **CLOSED** tube (CT) sampling
- Includes Data Management Workstation

Part#	Description	System	List
Analyzers			
P60OT001NUA1	Pentra 60 Open-Tube	Pentra 60 (OT)	41,315
P60CP001NUA1	Pentra 60 C+ with workstation	Pentra 60 C+ (CT)	43,310
Reagents			
206010	ABX EOSINOFIX Plus, 1L	Pentra 60 C+ / Pentra 60	145.24
901020	ABX DILUENT, 20L	Pentra 60 C+ / Pentra 60	76.00
903010	ABX CLEANER, 1L	Pentra 60 C+ / Pentra 60	31.20
906003	ABX BASOLYSE II, 1L	Pentra 60 C+ / Pentra 60	145.24
906013	ABX LYSEBIO, 400 mL	Pentra 60 C+ / Pentra 60	107.80
401005	ABX MINOCLAIR, 500 mL	for all ABX systems	18.59
Controls-Difftrol (3mL)			
D01A00112	DIFFTROL Tri-Level Control, 3 x 3mL	Pentra 60 C+ / Pentra 60	123.25
D01A00141	DIFFTROL Tri-Level Control, 6 x 3mL	Pentra 60 C+ / Pentra 60	246.50
D01A00142	DIFFTROL Tri-Level Control, 12 x 3mL	Pentra 60 C+ / Pentra 60	492.97
2062015	Disk, DIFFTROL PENTRA **	Pentra 60 C+ / Pentra 60	34.52
D01A00121	Disk, DIFFTROL QC	Pentra 60 C+ / Pentra 60	34.52
Calibrator/Linearity			
2043745	Minocal Calibrator, 2 x 2.5mL	Pentra 60 C+ / Pentra 60	85.00
D01A00137	Linearity Kit CL015	Pentra 60 C+/ Pentra 60	624.00
Consumables			
D00A00183	Printer Laser Toner Drum	Pentra 60 C+/ Pentra 60	73.50
D00A00181	Okidata B4600 Digital laser printer	Pentra 60 C+/ Pentra 60	665.26

** Included with Tri-Level Control kit

MICROS RANGE
Hematology Analyzer

Specifications:
- 60 CBC tests/hour
- Up to 16 parameters
- Open Tube (OT) or Closed Tube (CT) * sampling

Micros **60**
Open Tube

Micros **60**
Closed Tube

New Instrument shipment includes:
- Laser printer
- Spare parts kit includes tool kit
- Complete set of reagents
- User Manual
- Installation and training by a manufacturer trained service representative
- 24 hour Technical Phone Support
- One year warranty on parts, labor and travel

*optional features
- External barcode wand (Micros only)

Micros *im*^{2}
Micros 60 Closed Tube

includes Middleware System
- customizable patient reporting
- cumulative patient data viewing
- flexible Quality Control features
- EMR and LIS ready!

your choice from (4) scrub colors

Micros 60

Closed Tube (CT)

Open Tube (OT)

Micros *im*²

Part#	Description	System	List Price
Analyzers			
MIC60004NUA1	Micros 60 OT - 8 Parameters	Micros 60 OT	13,815
MIC60006NUA1B	Micros 60 OT - 8 Parameters with Barcode	Micros 60 OT	14,315
MIC60003NUA1	Micros 60 CT - 8 Parameters	Micros 60 CT	16,815
MIC60005NUA1B	Micros 60 CT - 8 Parameters with Barcode	Micros 60 CT	17,315
MIC60008NUA1	Micros 60 OT - 16 Parameters	Micros 60 OT	17,615
MIC60007NUA1	Micros 60 OT - 16 Parameters with Barcode	Micros 60 OT	18,115
MIC60001NUA1	Micros 60 CT - 16 Parameters	Micros 60 CT	19,015
MIC60002NUA1	Micros 60 CT - 16 Parameters with Barcode	Micros 60 CT	19,515
MIC60017NUA1	Micros 60 CT - 16 Parameters **BLUE** *im²*	Micros 60 CT	29,900
MIC60018NUA1	Micros 60 CT - 16 Parameters **PINK** *im²*	Micros 60 CT	29,900
MIC60019NUA1	Micros 60 CT - 16 Parameters **PURPLE** *im²*	Micros 60 CT	29,900
MIC60020NUA1	Micros 60 CT - 16 Parameters **GREEN** *im²*	Micros 60 CT	29,900
MIC60013NUA1	Micros 60 CT - 16 Parameters **BLUE**	Micros 60 CT	19,015
MIC60014NUA1	Micros 60 CT - 16 Parameters **PINK**	Micros 60 CT	19,015
MIC60015NUA1	Micros 60 CT - 16 Parameters **PURPLE**	Micros 60 CT	19,015
MIC60016NUA1	Micros 60 CT - 16 Parameters **GREEN**	Micros 60 CT	19,015
Reagents			
403010	ABX MINICLEAN, 1L	Micros 60	86.21
602050	ABX MINIPACK LMG 1x150 tests	Micros 60	178.88
602050U	ABX MINIPACK LMG 4 pack 4x150 tests	Micros 60	654.92
802010	ABX MINIDIL LMG, 10L	Micros 60	107.80
906014	ABX ALPHALYSE 360, 360mL	Micros 60	107.80
401005	ABX MINOCLAIR 500mL	Micros 60	18.59
Controls-Minotrol 16 (2.5 mL)			
2043748	MINOTROL 16 Tri-Level Control, 3 x 2.5mL	Micros 45 / Micros 60	61.18
2043752	MINOTROL 16 Tri-Level Control, 6 x 2.5mL	Micros 45 / Micros 60	78.00
2043756	MINOTROL 16 Tri-Level Control, 12 x 2.5mL	Micros 45 / Micros 60	155.30
D01A00146	MICROS 45 MINOTROL Tri-Level Kit (2 Smart Cards with 12 tubes x 2.5 mL)	Micros 45	203.20
D01A00145	MICROS 60 MINOTROL Tri-Level Kit (2 Smart Cards with 12 tubes x 2.5 mL)	Micros 60	203.20
D01A00120	DISK, MINOTROL 16 QC	Micros 60	34.52
D01A00132	3.5" CD, MINOTROL 16 "IM"	Micros 60	34.52
Calibrator/Linearity			
2043745	Minocal Calibrator, 2 x 2.5mL	Micros 45 / Micros 60	85.00
D01A00135	Linearity Kit CL020	Micros 45 / Micros 60	624.00
Consumables			
2042010	MINOTROL 16 Smart Card Micros 45, 1 card	Micros 45	46.92
2042017	MINOTROL 16 Smart Card Micros 60, 1 card	Micros 60	46.92
2052111	MICROS 45 - 60 Memory Smart Card	Micros 45 / Micros 60	114.06
XEA656AS	Barcode Wand Kit (Micros only)	Micros 60	789.00
D00A00154	Barcode Micros Kit (Micros *im²* only) (Barcode wand, cable connector - USB to RJ45)	Micros *im²*	628.32
D00A00183	Printer Laser Toner Drum	Micros 60 / *im²*	73.50
D00A00181	Okidata B4600 Digital laser printer	Micros 45 / Micros 60	665.26

MICROS CRP200

Hybrid Synergy™

A dynamic combination of CRP and CBC analysis

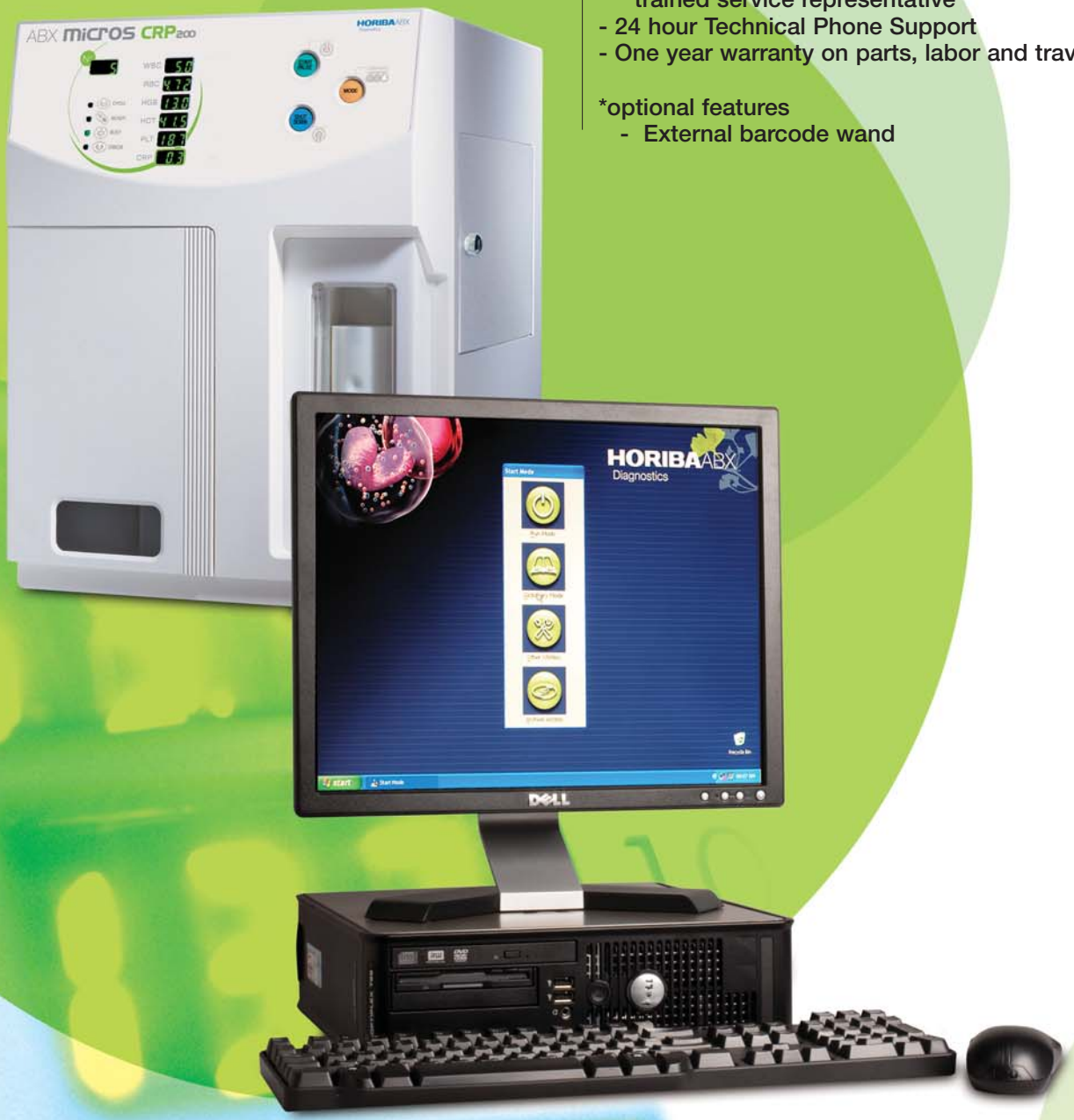
Specifications:

- 48 CBC tests/hour OR
  14 CBC/CRP test/hour
- 16 parameters + CRP (2-200mg/L)

New Instrument shipment includes:

- Comprehensive Middleware
- Laser printer
- Spare parts kit includes tool kit
- Complete set of reagents
- User Manual
- Installation and training by a manufacturer trained service representative
- 24 hour Technical Phone Support
- One year warranty on parts, labor and travel

*optional features
- External barcode wand



Part#	Description	System	List
Analyzer			
MCRP2001NUA1	Micros CRP 200		38,000
Reagents			
403010	ABX MINICLEAN, 1L	Micros CRP 200	86.21
906014	ABX ALPHALYSE 360, 360 mL	Micros CRP 200	107.80
802010	ABX MINIDIL LMG, 10L	Micros CRP 200	107.80
401005	ABX MINOCLAIR, 500 mL	Micros CRP 200	18.59
501015	ABX CRP REA, 100 test	Micros CRP 200	189.55
Controls			
2042205	MINOTROL CRP (low) 2 x 2.5mL	Micros CRP 200	52.30
2042206	MINOTROL CRP (normal) 2 x 2.5mL	Micros CRP 200	52.30
2042207	MINOTROL CRP (high) 2 x 2.5mL	Micros CRP 200	52.30
D00A00171	3.5" CD Minotrol CRP "IM2"	Micros CRP 200	34.52
Calibrator/Linearity			
2043745	Minocal Calibrator, 2 x 2.5mL	Micros CRP 200	85.00
501016	Kit CRP Calibrator, 2 x 1 mL	Micros CRP 200	325.25
D01A00162	Linearity Kit CL009 (Micros CRP 200 **CBC**)	Micros CRP 200	624.00
D01A00163	Linearity Kit CRP001 (Micros CRP 200 **CRP**)	Micros CRP 200	450.00
Consumables			
D00A00154	Barcode Micros Kit (Barcode wand, cable connector - USB to RJ45)	Micros CRP 200	628.32
D00A00183	Printer Laser Toner Drum	Micros CRP 200	73.50
D00A00181	Okidata B4600 Digital laser printer	Micros CRP 200	665.26

CLINICAL CHEMISTRY

Routine to esoteric on a single compact system

General Chemistries
Specific Proteins
Calibrators & Controls
ISE Module (optional)
Consumables & Accessories

ABX Pentra **400**

ABX Pentra liquid reagents

ABX PENTRA 400
Clinical Chemistry Analyzer

New Instrument shipment includes:

- Integrated workstation with validation station
- Laser printer
- Internal barcode reader
- Spare parts kit includes tool kit
- 12 Sample racks
- 10 reagent/control/calibrator racks
- Startup set of reagents
- Linearity kit
- User manual
- Interactive Product Training Video
- Manufacturer in-house training for one (1) person at HORIBAABX corporate training facility
- Installation and training by a manufacturer trained service representative
- (2) Annual PM's (Preventive Maintenance) visits
- One year warranty on parts, labor and travel
- 24 hour Technical Phone Support

Specifications:

- Up to 420 tests/hour with ISE module
- Up to 55 on-board assays
- Integrated touchscreen validation station

Reagent Management

Sample Management

Patient Management

ABX PENTRA

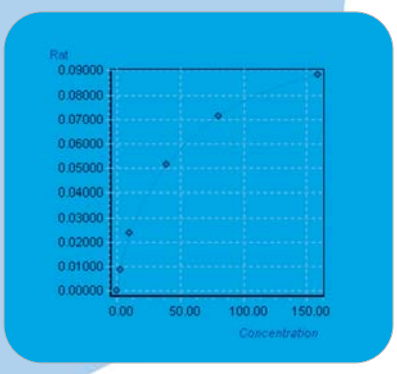
Range of liquid reagents optimized for the Pentra 400

Reagents which simplify your workflow

> Number of tests per cassette to fit your use
> Extended linearity and increased stability
> Just one calibrator and two controls for routine testing
> Stable specific protein calibrators

General Chemistry

> Fewer repeats due to increased linearity
> Over 32 methods with applications for serum, plasma and urine



CRP latex calibration curve on ABX Pentra 400

Specific proteins

> Purified and concentrated antiserums
- Long shelf-life (up to 5 years)
- No risk of antigen excess on IgA, IgG, IgM

GENERAL CHEMISTRY

The corresponding calibrator, control and ancillary codes can be matched to its detail on the following pages

Part#	Description	Formulation	Container Format	Number of tests	Calibrator Code	Control Code	List
P4000000NUA1	Pentra 400 Chemistry Analyzer w/ ISE						$ 89,000
P400STD0NUA1	Pentra 400 Chemistry Analyzer (Std)						$ 87,000

Enzymes

A11A01626	ALP CP	IFCC	Cassette	125	1	16, 17	8.30
A11A01627	ALT CP	IFCC	Cassette	250	1	16, 17	18.51
A11A01629	AST CP	IFCC	Cassette	250	1	16, 17	18.62
A11A01628	Amylase CP	EPS-G7	Cassette	125	1	16, 17, 35	39.73
A11A01632	CK NAC CP	IFCC / DGKC	Cassette	125	1	16, 17, 18	33.49
A11A01630	GGT CP	SZAZ Carboxilated Substrate	Cassette	250	1	16, 17	25.79
A11A01871	LDH CP	IFCC	Cassette	125	1	16, 17	37.44
A11A01631	Lipase CP	Colorimetric	Cassette	100	1	16, 17	90.38

General Chemistries

A11A01664	Albumin CP	Bromocresol Green	Cassette	334	1	16, 17	25.42
A11A01639	Total Bilirubin CP	DCA	Cassette	200	1	16, 17	23.36
A11A01635	Direct Bilirubin CP	DCA	Cassette	100	1	16, 17	15.60
A11A01633	Calcium CP	OCP	Cassette	250	1	16, 17,35	14.62
A11A01634	Cholesterol CP	Chol. esterase / Chol. oxidasea	Cassette	380	1	16, 17	25.99
A11A01636	HDL, Direct CP	Polyanions	Cassette	240	2	16, 17	395.41
A11A01638	LDL, Direct CP	Detergent/Chol Oxidase/Esterase	Cassette	100	3	16, 17	425.36
A11A01645	CO2 RTU	UV Enzymatic	Vial	200	4	19	62.40
A11A01868	Creatinine CP	Jaffe / Alkaline Picrate	Cassette	120	1	16, 17,35	22.57
A11A01668	Glucose PAP CP	Peroxidase	Cassette	327	1	16, 17,35	19.14
A11A01667	Glucose HK CP	Glucose Hexokinase	Cassette	200	1	16, 17	29.57
A11A01637	Iron CP	Ferene	Cassette	327	1	16, 17	26.00
A11A01721	Lactic Acid	Lactate oxidase / Peroxidase	Vial	260 (10 x 26)	1	16, 17	362.54
A11A01646	Magnesium RTU	Xylidyl Blue	Vial	200 (2 x 100)	1	16, 17	9.00
A11A01665	Phosphorus CP	Ammonium Molybdate UV	Cassette	100	1	16, 17,35	15.81
A11A01867	Total Protein CP	Biuret	Cassette	100	1	16, 17	16.64
A11A01640	Triglycerides CP	PAP	Cassette	327	1	16, 17	46.80
A11A01670	Uric Acid CP	Uricase / Peroxidase	Cassette	220	1	16, 17,35	30.16
A11A01641	BUN CP	GLDH	Cassette	220	1	16, 17	18.14
A11A01642	Urinary Proteins CP	Pyrogalol red	Cassette	100	5	35	8.11

The corresponding calibrator, control and ancillary codes can be matched to its detail on the following pages

Specific Proteins

Part#	Description	Formulation	Container Format	Number of tests	Calibrator Code	Control Code	Auxiliary Reagent Code	List	
A11A01612	ASO CP	Latex TIA	Cassette	100	7	21		107.43	
A11A01611	CRP CP	Latex TIA	Cassette	200	6	21	Saline	86.63	
A11A01623	Micro-albumin CP	TIA	Cassette	150	11	23	Saline	129.27	
A11A01615	Myoglobin CP	Latex TIA	Cassette	100	10	22		393.33	

Auxiliary Reagent

Reference	Description	Formulation	Container Format	Volume	Product Codes	List	
A11A01662	Sample Diluent CP	Buffer	Cassette	99 mL	33	28.50	

Calibrators

Part#	Description	Formulation	Container Format	Products Code	List
A11A01652	MultiCal	Lyo	10 x 3 mL	1	622.75
A11A01647	HDL Cal	Lyo	2 x 1 mL	2	337.69
A11A01678	LDL Cal	Lyo	2 x 1 mL	3	353.60
A11A01648	CO2-Cal	RTU	3 x 3 mL	4	31.20
A11A01616	CRP Cal	RTU	5 x 1 mL	6	287.87
A11A01617	ASO Cal	RTU	4 x 1 mL	7	296.40
A11A01620	Myoglobin Cal	RTU	5 x 1 mL	10	313.87
A11A01624	µ-Alb Cal	RTU	5 x 1 mL	11	163.80
A11A01698	Protein Cal	RTU	4 x 1 mL	13	323.96
A11A01673	UrineCal	RTU	3 x 1 mL	5	401.44

Controls

A11A01653	N Control	Lyo	10 x 5 mL	16	323.65
A11A01654	P Control	Lyo	10 x 5 mL	17	367.33
A11A01786	CK Control	Lyo	4 x 3 mL	18	226.72
A11A01890	CO2-Control	RTU	(4 x 3 mL) + (4 x 3 mL)	19	374.40
A11A01621	Immuno I Control L/H	Lyo	(1 x 3 mL) + (1 x 3 mL)	21	344.24
A11A01622	Immuno II Control L/H	Lyo	(1 x 3 mL) + (1 x 3 mL)	22	303.68
A11A01625	µ-Alb Control L/H	RTU	(2 x 1 mL) + (2 x 1 mL)	23	190.53
A11A01700	Protein Control L/H	RTU	(2 x 1 mL) + (2 x 1 mL)	26	651.04
A11A01674	Urine Control L/H	RTU	(1 x 10 mL) + (1 x 10 mL)	35	280.49

ISE :
Electrodes, Solutions and Standards

Pentra 400 ISE

Part#	Description	Formulation	Container	Capacity	List
A11A01717	Standard 1	RTU	Bottle	280 mL	57.62
A11A01718	Standard 2	RTU	Bottle	100 mL	54.08
A11A01719	Reference	RTU	Bottle	100 mL	44.51
A11A01738	Sodium-E	RTU	Electrode	1	765.44
A11A01739	Chloride-E	RTU	Electrode	1	659.36
A11A01740	Potassium-E	RTU	Electrode	1	659.36
A11A01741	Reference-E	RTU	Electrode	1	927.68
A11A01769	Etching CP	RTU	Cassette	25 mL	31.20

CONSUMABLES & ACCESSORIES

Consumables & Accessories

Part#	Description	Pack size	List
A11A01765	Sample Cup - Blue	1000 / bag	39.52
A11A01766	Sample Cup - Green	1000 / bag	39.52
A11A01767	Sample Cup - White	1000 / bag	39.52
A11A01768	Sample Cup - Yellow	1000 / bag	39.52
B1034634	4 mL Reag Cup	100 / bag	60.32
B1034626	10 mL Reag Cup	100 / bag	68.64
B1037307	15 mL Reag cup	100 / bag	83.20
B1039865	Cuvette segments (racks)	3600 / case	592.80
B8078955	Reagent Syringe (1000 µL)	1	222.56
B8076812	Sample Syringe (100 µL)	1	205.92
A11A01758	Qualitest Solution	30 mL	52.00
XDA805B	Sample Cup Rack	1	62.40
A11A01755	Clean-Chem CP	30 mL	19.76
A11A01754	Deproteinizer CP	30 mL	33.28
A11A01789	Clean-Chem 99 CP	4 x 99 mL	41.60
A11A01851	Dummy Electrode	1	91.52
D01A00139	P400 Linearity Kit	1	655.20
XBA563CT	Sample Probe	1	547.04
XBA564DT	Reagent Probe	1	1,144.00
XEA935AS	ISE Cleaning Kit	1	178.88
GBM0738	P400 Lamp	1	158.08
B8086648	Sample syringe replacement tips (100uL)	1 pkg	16.64
B8086605	Reagent syringe replacement tips (1000uL)	1 pkg	24.96
B8086583	Reagent syringe replacement O rings	1 pkg	14.56
B8088454	Seal Replacement Tool	1	12.48
B8089078	Liq. Elem + Gasket Ring Filter	1	29.12
LAY008A	Glycol	1	49.92
LBH004A	Water Container	1	11.44
XDA849A	Reagent Rack + Adaptors	1	72.80
XDA850A	Cal/Ctrl Reagent Rack + Adaptor	1	31.20
XEA778CS	Sample Rack + Adaptors	1	157.04
XDA968A	Tube Adaptors	1	10.61
XEA780AS	4mL Vial Adaptors	1	23.92
XEA781AS	10mL Vial Adaptors	1	23.92
XEA782AS	Sample Cup Adaptors	1	72.80
XEA783AS	Waste Container	1	17.68
D01A00143	Reagent Grade H_2O	1	137.28
D01A00144	Pipette	5	10.40
D00A00201	UPS for Pentra 400	1	1,539.20
D00A00179	UPS for Cooling Unit only	1	1,092.00
XBA453B	External barcode wand	1	596.96
D10A00003	Counter Top Extender	1	520.00
D00A00181	Okidata B4600 Digital laser printer	1	665.26

2009 HolidaySchedule

Please note the following legal and HORIBAABX holidays. To allow our employees to spend time with their families, HORIBAABX does not staff customer service or shipping on these days. Any next day order received on a holiday will be processed on the first business day after the holiday. Any standard ground order received on the holiday will be processed within the first two business days after the holiday.

New Years Day . . . . . Thursday, January 1
Spring Holiday . . . . . Friday, April 10
Memorial Day . . . . . Monday, May 25
Independence Day . . . . . Friday, July 3
Labor Day . . . . . Monday, September 7
Thanksgiving Day . . . . . Thursday, November 26
Turkey Recovery Day . . . . . Friday, November 27
Christmas Eve Day . . . . . Thursday, December 24
Christmas Day . . . . . Friday, December 25

2009 BloodDay Schedule

MONTHS

ABX CONTROLS CALIBRATORS		Prod #	20 JAN	17 FEB	24 MAR	21 APR	19 MAY	23 JUN	21 JUL	18 AUG	22 SEP	20 OCT	17 NOV	15 DEC
ABX CALIBRATOR	2 x 2.5mL	C01A2043745	■	■	■	■	■	■	■	■	■	■	■	■
MINOTROL 16 TRI-LEVEL	3 x 2.5mL	C01A2043748		■		■		■		■		■		■
MINOTROL 16 TRI-LEVEL	6 x 2.5mL	C01A2043752		■		■		■		■		■		■
MINOTROL 16 TRI-LEVEL	12 x 2.5mL	C01A2043756		■		■		■		■		■		■
DIFFTROL TRI-LEVEL	3 x 3mL	D01A00112		■		■		■		■		■		■
DIFFTROL TRI-LEVEL	6 x 3mL	D01A00141		■		■		■		■		■		■
DIFFTROL TRI-LEVEL	12 x 3mL	D01A00142		■		■		■		■		■		■
DIFFTROL TRI-LEVEL	24 x 3mL	D01A00147		■		■		■		■		■		■
MINOTROL CRP	2X2.5ML LOW	2042205			■			■			■			■
MINOTROL CRP	2X2.5ML NORMAL	2042206			■			■			■			■
MINOTROL CRP	2X2.5ML HIGH	2042207			■			■			■			■
MINOTROL RETIC	3 x 3mL	C01A2072005		■		■		■		■		■		■
MINOTROL RETIC	12 x 3mL	D01A00075		■		■		■		■		■		■

DamagedGoods & **Incorrect**Shipments

DAMAGED GOODS

Although **HORIBA**ABX makes every effort to carefully pack each order, we must rely on the carrier for safe delivery. If you receive broken, damaged products, or the shipment is incomplete:

- Less than Truck Load (LTL) Truck, You must note on the freight carriers Pro Airway Bill and **HORIBA**ABX delivery note, that there was damage and have it signed by the carrier agent to receive credit (Credits will not be issued if not noted on the Pro Airway bill and the Delivery Note). Be sure to notify your **HORIBA**ABX Customer Service Representative immediately by faxing over a copy of the delivery note and Air Way Bill noting what items were received damaged, broken, or missing and include a telephone number and contact name on the same day of delivery.
- **FedEx:** If you receive either broken or damaged product, **YOU MUST REFUSE THE DELIVERY**. Immediately contact your Customer Service Representative to receive a credit and/or replacement.

REPLACEMENTS

After contacting Customer Service for incorrect or damaged shipments, replacements will be taken care of by crediting the original invoice and we will re bill for the replacement product.

Please Note: Product will be replaced using the same shipping method as the original order. When stored and used according to package insert instructions, **HORIBA**ABX reagents are stable until the expiration date. If a reagent does not perform as expected, please contact the **HORIBA**ABX Technical Support Team for assistance: **1-888-903-5001**

INCORRECT SHIPMENTS

If product is shipped as a result of an error made by **HORIBA**ABX, please contact Customer Service immediately so that we may arrange for a pick up of the incorrect product and issue a credit if applicable. We will also send out a replacement for any items that should have been shipped on the original order.

RETURNS

If a product has been overstocked or its use discontinued, it may be returned only at **HORIBA**ABX's discretion, and may be subject to a 25% restocking fee. All returned products must have a minimum of 6 months dating. **HORIBA**ABX requires notification within 30 days from date of delivery for standard products.

A **HORIBA**ABX Customer Service Representative must issue an RGA form. Unauthorized returns may result in a delay for product replacement or credit due to difficulties in identifying the appropriate customer and reason for the return.

HORIBAABX **will not accept the return of Controls or Calibrators.**

General FreightPolicy
for Reagents, Controls and Calibrators

OVERNIGHT SHIPMENTS

Controls and Calibrators:

HORIBAABX will exclusively use Federal Express standard overnight, next day by 5:00 PM local time, on all control and calibrator orders received Monday through Thursday. Any control or calibrator order received on Friday will be shipped on the following Monday, excluding holidays in which case the order will be shipped on Tuesday. See page 22 for holidays that **HORIBA**ABX observes. If you desire a Saturday delivery you MUST state this on your purchase order and provide a contact name and telephone number. There will be a nominal fee charged for Saturday delivery.

Reagents:

HORIBAABX will exclusively use Federal Express standard overnight, next business day by 5:00 PM local time, on reagent, accessory, and part orders requested for rush/overnight delivery Monday through Friday. See section 2 for holidays that **HORIBA**ABX observes. If you desire a Saturday delivery you MUST state this on your purchase order and provide a contact name and telephone number. There will be a nominal fee charged for Saturday delivery.

Freight Charges:

The minimum charge for control and calibrator shipments is $44.30 per box if the weight is less than 3 lbs. Shipments over 3 lbs will be charged Federal Express standard rates. All other overnight shipments, excluding controls and calibrators, will be charged a minimum of $44.30 if less than 3 lbs.

NON-EXPRESS SHIPMENTS - GROUND SHIPMENTS

HORIBAABX will use Federal Express ground for all non-express shipments of reagents, accessories, and spare parts. The standard Federal Express ground rate will apply to all non-express orders. These orders will be shipped from our warehouse in Irvine, CA within 48 hours of receipt. Non-express orders will typically arrive within five to seven business days.

TRUCK SHIPMENTS

HORIBAABX provides a comprehensive freight discount based on the dollar value for each order. Please see the **HORIBA**ABX Truck Policy on the next page for applicable discounts.

THIRD PARTY COLLECT

HORIBAABX offers you the ability to ship products using your account number and selected freight carrier. Please state the method of shipment, carrier, and account number on your purchase order. A 5% handling fee will be charged based upon the total order amount. A minimum charge of $30.00 will be assessed. You must receive written approval from HORIBAABX to use your own freight carrier. The description on invoices will state "Handling Fee."

ServicesHours
of Operations

Customer Service
9:00 a.m. – 7:00 p.m. EASTERN (6:00 am PST)
(888) 903-5001, option # 3
(949) 453-0500
FAX # (800) 537-4666

New Instruments – ext.243
Direct End Users – ext.243
Distributors – ext.260 or x.284
Supervisor – ext.235

Technical Support
24 hr Technical Support Hotline
8:00 a.m. – 6:00 p.m. EASTERN (5:00 am PST)
(888) 903-5001, option # 1
(949) 453-0500
FAX (949) 453-0600

Sales & Marketing Department
8:00 a.m. – 5:00 p.m. PST
(888) 903-5001, option # 4
(949) 453-0500 ext.209

Shipping/Receiving Department
11:00 a.m. – 9:00 p.m. EASTERN (8:00am PST)
(888) 903-5001
(949) 453-0500
FAX (949) 727-3757

Accounting Department
8:00 a.m. – 5:00 p.m. PST
(888) 903-5001, option # 7
(949) 453-0500
FAX (949) 727-7440

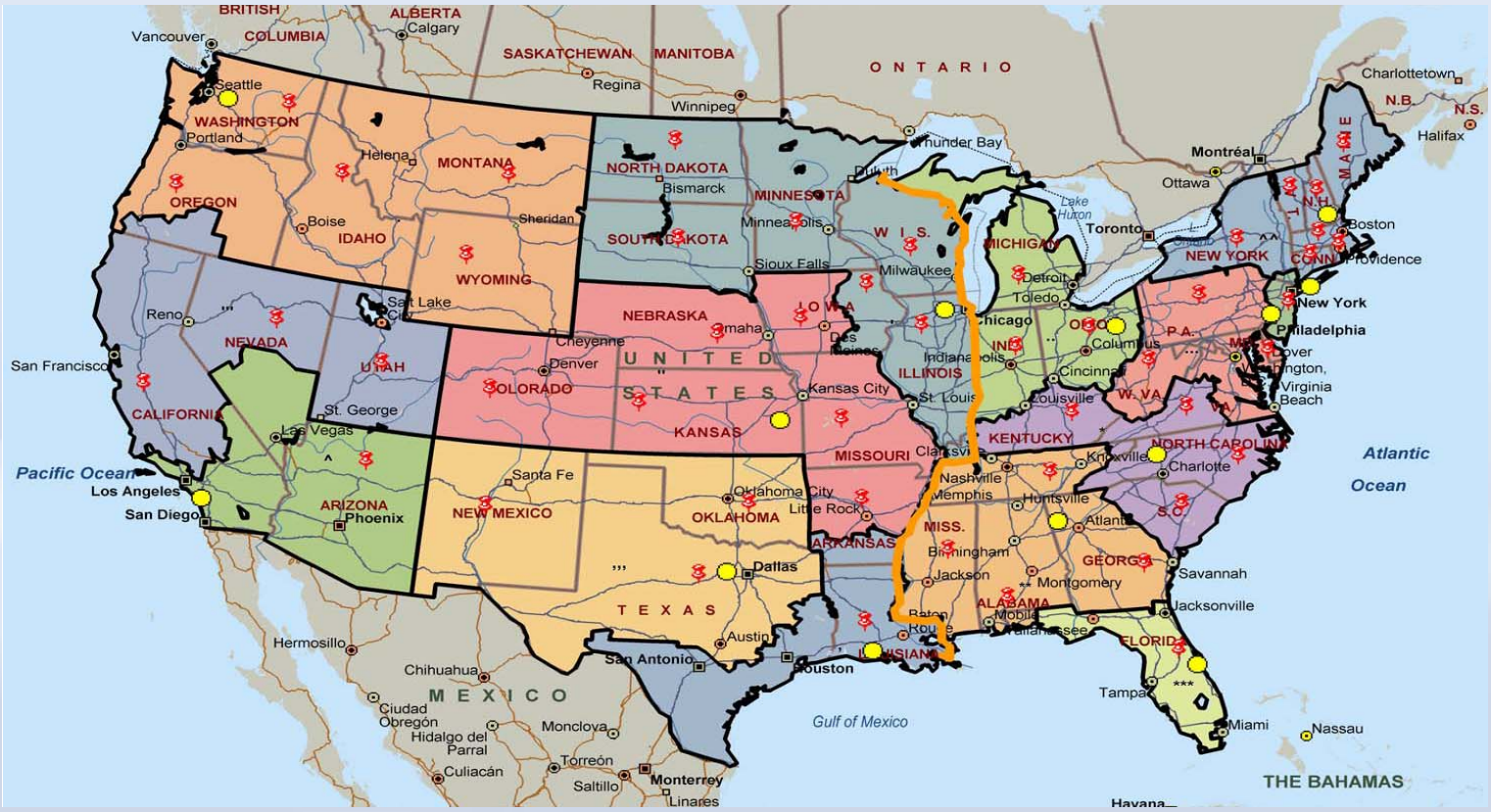
Reception – Corporate Office – CA
7:00a.m. – 5:00 p.m. (PST)
(888) 903-5001, option 0
(949) 453-0500, ext. 200

Territory
Sales & Service

Steven Sepulveda
Director, Sales and Coporate Accounts
Email: Steven.Sepulveda@horiba.com
Phone: (813) 258-2641

Bob Ariano
Rgl Sales Manager (West/Central)
Email: Bob.Ariano@horiba.com
Phone: (949) 636-1594

Donna Davis-Gardiner
Rgl Sales Manager (East)
Email: Donna.Davis@horiba.com
Phone: (949) 278-0348



Carl Levine
Director, Service and Compliance
Email: Carl.Levine@horiba.com
Phone: (949) 278-0143

Dale Jacobson
Reg'l. Service Manager (West)
Email: Dale.Jacobson@horiba.com
Phone: (949) 278-3128

Dennis O'Brien
Reg'l. Service Manager (Central)
Email: Dennis.Obrien@horiba.com
Phone: (949) 278-8371

David Lewis
Reg'l. Service Manager (East)
Email: David.Lewis@horiba.com
Phone: (949) 300-9345

PlacingAn Order

Placing your order with **HORIBA**ABX is easy! All orders are placed via fax or email. Verbal phone orders will not be accepted unless approved by the Customer Service Manager.

Our Customer Service Department is here to assist your from
6:00 AM to 5:00 PM Pacific Standard Time.

Simply fax your order to 800-537-4666 or place your order by email:
orders.medical@us.horiba.com

Any order for Next Day Air delivery must be received by 3:00 PM PST

When placing your order please include the following:

- **Account Name**
- **Account Number**
- **Purchase Order Number**
- **Valid "Ship To" Address**
- **Shipping Method Desired**
- **HORIBA ABX Product Number, Description, and Pricing**
- **Telephone Number, Fax Number, and Contact Name**

All orders will be confirmed via fax or email by the end of the same business day.

A revised purchase order will need to be faxed to us if any changes are requested regarding pricing, shipping address, quantities, etc…

STANDING ORDERS

For your convenience, you may schedule your shipments on a Standing Order for monthly or bi-monthly deliveries.

Please contact us directly if you would like to set up an order and we will fax you the Standing Order form to complete and return to us.

To cancel your Standing Order you must notify us in writing 30 days prior to the release date.
Please fax cancellations to: 800-537-4666

HOW TO CONTACT US

For any questions or concerns please call us and we will do our best to assist you.
1-888-903-5001 option #3

Reagents
Shelf Life

Minimum dating represents the least number of months you may receive on the corresponding product. Requests for longer dating will be honored if possible.

ABX #	Description	Package Size	Minimum Dating
MICROS 45 - MICROS 60			
401005	ABX MINOCLAIR	500 mL	7
403010	ABX MINICLEAN	1L	7
702010	ABX MINILYSE LMG	1L	7
906014	ABX ALPHALYSE 360	360 mL	7
802010	ABX MINIDIL LMG	10L	7
602050	ABX MINIPACK LMG	1	6
602050U	ABX MINIPACK LMG	4 pack	6
PENTRA 60/80			
401005	ABX MINOCLAIR	500 mL	7
901020	ABX DILUENT	20L	7
903010	ABX CLEANER	1L	7
906003	ABX BASOLYSE II	1L	7
206010	ABX EOSINOFIX Plus	1L	6
906013	ABX LYSEBIO	400 mL	7
PENTRA 120/ PENTRA120 RETIC			
401005	ABX MINOCLAIR	500 mL	7
901020	ABX DILUENT	20L	7
903010	ABX CLEANER	1L	7
206010	ABX EOSINOFIX Plus	1L	6
204050	ABX BASOLYSE 5DIFF	5L	7
904005	ABX RETIC	500 mL	3
906012	ABX LYSEBIO	1L	7
Pentra DX 120			
401005	ABX MINOCLAIR	500 mL	7
901020	ABX DILUENT	20L	7
903010	ABX CLEANER	1L	7
206013	ABX LEUCODIFF	1L	6
204050	ABX BASOLYSE 5DIFF	5L	7
904011	ABX FLUOCYTE	500 ML	3
906012	ABX LYSEBIO	1L	7

TruckPolicy

Freight Company:	Will be determined by **HORIBA**ABX
Delivery:	All shipments will be delivered from Irvine, CA and within 7 Business Days
Minimum Shelf Life:	See attached Shelf Life Sheet
Ship to:	One ship to address is accepted, unless the two different locations are not farther than 100 miles apart.
Purchase Order:	One single shipment will be considered for the total dollar amount
Minimum Charge:	The minimum value of a purchase order must be $200
Lift-Gate:	If Lift-Gate service is required, please specify on the purchase order and an additional $150 will be charged

Instrument Freight Charges

Micros	$255.00
Micros - Overnight	$383.00
Pentra 60's	$510.00
Pentra 80's	$606.00
Pentra 120's	$608.00
Pentra 400's	$685.00
Workstations	$58.00

ServicePlan

HORIBAABX Diagnostics prides itself on providing the highest level of instrument service, support and overall customer satisfaction. We are dedicated to satisfying your service and support needs throughout the life of our relationship. The investment taken by our direct field service engineers to better understand you and your laboratory practices gives a better insight into how we can best serve and support your needs.

Our Service Protection Program is designed to ensure our customers continue to receive the instrument care they deserve from having made the choice to partner with **HORIBA**ABX. Our plans will help manage and forecast your service cost by offering one low price for all your instrument service needs. It is our guarantee to you that we will be available to maintain your system and keep it optimized for peak performance. Our factory-trained engineers use only validated factory replacement parts and specialize in servicing only the complete product line for **HORIBA**ABX.

SILVER Protection Plan

Coverage for customers that require repairs during normal business hours, Monday through Friday, 8:00 a.m – 5:00 p.m. This plan includes a 24/7 hr. technical support hotline to assist with any questions or problems that may arise.

Silver Plan includes:

- 24/7 Technical Support Hotline
- Unlimited on-site service repairs (Mon-Fri., 8:00am-5:00pm excluding weekends,legal and HORIBAABX holidays)
- All labor, travel, parts and preventive maintenance kits
- Product updates and enhancements
- Scheduled preventive maintenance visits
- System validation on every service visit

GOLD Protection Plan

Coverage for customers that require repairs during normal business hours, 8:00 a.m – 5:00 p.m, 7-days a week including holidays. This plan includes a 24/7 hr. technical support hotline to assist with any questions or problems that may arise.

Gold Plan includes:

- 24/7 Technical Support Hotline
- Unlimited on-site service repairs *
- On-site service 7 days a week, including legal and HORIBAABX holidays
- All labor, travel, parts and preventive maintenance kits
- Product updates and enhancements
- Scheduled preventive maintenance visits
- System validation on every service visit

* Travel and labor are not covered outside normal business hours

2009 ServicePricing

	GOLD	SILVER	Point-of Sale	PM's per year
Micros 45/60 8/16p OT		$2,650	$2,575	1
Micros 45/60 8/16p CT		$3,155	$2,650	1
Micros *im²*		$3,550	$3,090	1
Micros CRP200		$3,815	$3,555	1
Pentra 60 OT	$11,430	$5,405	$3,860	2
Pentra 60 C+	$14,430	$6,865	$3,970	2
Pentra 80	$14,960	$9,830	$5,515	2
Pentra XL80	$15,620	$10,440	$6,620	2
Pentra 120	$21,630	$15,160	$11,940	3
Pentra 120 Retic	$22,620	$16,910	$13,240	3
Pentra DX120	$24,950	$18,550	$14,340	3
SPS Evolution	$19,225	$12,350	$9,795	3
im² Computer System		$850	$800	
MultiLink Validation Station	$3,630	$1,750	$1,650	
Pentra 400	$16,155	$11,105	$8,950	2

On-Site Service Charges for Billable Repairs (Time & Materials)

Normal Business Hours (8-5)		After-Hours & Weekends				Holiday Emergencies	
Labor	Travel	Labor		Travel		Labor	Travel
		Contract/Warr	Hourly	Contract/Warr	Hourly		
$350/hr	$350/hr	$400/hr	$490/hr	$400/hr	$490/hr	$565/hr	$565/hr